

IN THE SPECIFICATION:

Please delete the present title and insert the following title:

DIRECT CURRENT POWER SUPPLY FOR A WASHING APPLIANCE

Please amend the paragraph on page 3, lines 20-33 as follows:

In a third aspect the invention consists in a method of powering on and off a laundry washing machine where power is consumed in the form of direct current using a switched mode power supply of the type described in ~~Australian~~ United States Patent ~~651408~~ No. 5,604,387 characterised in that:

an active switching device connected between the base of the lower switch in the motor bridge drive used as part of said switched mode power supply and the lower voltage rail is switched on by a latching circuit to cause the DC power supplies in said machine to be disabled,

the latching circuit comprises a capacitor charged from the high voltage rail for said laundry machine motor in parallel with a transistor biased from the switched mode power supply low voltage rail, and

a push button normally off switch connected in parallel with said capacitor is used to discharge said capacitor to disable said latching circuit to thereby enable the laundry machine DC power supplies.

Please amend the paragraph on page 5, lines 24-31 as follows:

When the water level in the laundry machine bowl is above a predetermined height - the "bowl float level" in a machine of the type described in ~~New Zealand~~ United States patent ~~215389/217623/218356~~ No. 4,813,248 - the pump speed is set to 60Hz, to maximise the flow

rate. This is achieved by programming the microprocessor which controls the switching frequency of the H bridge switching devices. When water level is below this predetermined height, "ventilation" will occur. The microprocessor is programmed to drive 50Hz at such water levels. This reduction in speed reduces the noise level of the pump considerably, but still allows pumping over an acceptable head height.

Please amend the paragraph on page 8, lines 1-8 as follows:

Referring to Figure 4 power supply for the machine is produced by employing a simple switch mode power supply (SMPS) topology that is controlled by a microprocessor 17 and makes use of the main motor windings 15 and motor drive circuit 11 14. This general form of laundry machine power supply is described in the applicant's ~~Australian~~ United States Patent ~~651408~~ No. 5,604,387. The power supply is disabled by a hardware circuit (fourth wire circuit). Power down functions are initiated by the micro processor and locked by the fourth wire circuit. Power up functions are initiated by the user via a low voltage, low current push button SW1.